MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

JUNE 1950

ROBERT W. SLOANE, DIRECTOR

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WEATHER BUREAU

JUNE 1950

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. +...				Thermometer Degrees Centigrade					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	56.2	56.5	57.8	56.8	27.8	19.9	25.4	27.2	21.9	24.8
2	57.6	57.2	57.3	57.4	28.6	20.2	25.1	27.7	22.3	25.0
3	57.1	56.9	56.8	56.9	28.8	20.2	25.7	28.1	22.3	25.4
4	56.8	57.4	58.0	57.4	29.0	20.7	25.2	27.7	22.7	25.2
5	58.3	58.4	58.8	58.5	28.4	20.5	25.5	27.6	23.1	25.4
6	60.0	59.5	59.9	59.8	29.4	19.9	24.1	28.6	22.9	25.2
7	59.7	59.2	59.3	59.4	29.7	19.7	25.9	29.3	22.9	26.0
8	58.6	58.6	58.8	58.7	29.2	19.4	25.5	28.7	22.7	25.6
9	58.9	59.1	60.1	59.4	29.1	19.5	25.4	28.4	22.5	25.4
10	61.7	61.9	62.7	62.1	29.3	19.9	26.4	28.0	22.2	25.5
11	62.6	62.1	61.4	62.0	28.4	20.4	24.4	27.6	22.7	24.8
12	60.3	59.1	58.7	59.4	29.0	21.3	26.7	28.8	23.1	26.2
13	58.4	57.5	57.5	57.8	30.9	22.2	26.1	30.0	23.8	26.6
14	57.3	57.5	57.4	57.4	32.1	22.8	28.1	31.4	24.6	28.0
15	57.8	57.5	57.3	57.5	31.0	20.6	27.7	29.9	24.1	27.2
16	56.3	55.9	55.2	55.8	30.4	22.7	26.2	29.9	23.9	26.7
17	55.1	54.5	54.1	54.6	30.6	21.5	27.2	30.5	23.8	27.2
18	54.5	54.7	55.3	54.8	29.8	22.1	29.9	28.4	24.2	27.5
19	55.6	55.4	55.4	55.5	31.5	24.1	27.1	30.8	24.9	27.6
20	53.6	52.4	53.0	53.0	30.7	23.7	27.5	29.8	24.9	27.4
21	52.2	52.5	53.0	52.8	30.6	22.3	27.4	29.6	24.2	27.1
22	53.9	54.8	55.7	54.8	30.8	22.6	27.3	30.2	24.1	27.2
23	55.8	55.4	56.2	55.8	31.7	22.3	27.8	30.9	24.9	27.9
24	56.0	55.1	55.8	55.6	31.5	22.3	27.8	31.1	24.8	27.9
25	55.3	54.7	54.7	54.9	31.4	22.2	27.7	31.1	25.1	28.0
26	55.2	54.6	55.3	55.0	31.4	22.5	27.4	30.1	25.4	27.6
27	55.1	55.3	56.4	55.6	31.4	22.3	28.2	30.6	25.3	28.0
28	56.6	56.1	56.7	56.5	31.4	22.5	28.3	29.6	25.3	27.7
29	56.9	57.0	57.9	57.3	31.4	22.2	27.7	28.5	24.6	26.9
30	57.6	57.0	57.6	57.4	31.3	22.4	28.3	29.3	24.7	27.4
31										
	57.03	56.79	57.14	57.00	30.22	21.50	26.77	29.31	23.80	26.61

Barometer, range for month 762.7 mm. — 752.2 mm.

,, 71-yr. average for month 757.92 mm.

Thermometer, range for month 32.1°C —19.4°C

,, 71-yr. average for month 25.62°C.

Rain total for month 0.00 mm.

,, 71-yrs average for month 3.26 mm.

,, Tolal, Sept. 1st. to end of month 779.78 mm.

,, 71-yr. average, Sept. 1st. to end of month 891.41 mm

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METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	17.6	20.2	19.0	18.9	55	56	74	62	10.3	291.0	
2	20.7	23.0	22.2	22.0	66	62	84	71	12.9	264.0	
3	23.7	23.3	22.2	23.1	71	61	84	72	13.2	222.0	
4	22.9	23.0	23.1	23.0	72	63	83	73	11.6	272.0	
5	20.2	23.0	21.2	21.5	62	61	78	67	12.8	323.0	
6	22.2	19.3	19.9	20.5	76	51	73	67	12.6	301.0	
7	18.4	18.4	19.3	18.7	56	45	71	57	13.0	177.0	
8	20.0	20.8	18.7	19.8	61	52	68	60	12.6	348.0	
9	19.4	19.9	18.0	19.1	59	53	68	60	12.9	264.0	
10	15.5	18.4	19.2	17.7	46	49	71	55	10.8	282.0	
11	18.4	20.4	19.9	19.6	60	54	71	62	13.0	304.0	
12	18.0	23.5	23.7	21.7	52	59	86	66	13.5	362.0	
13	24.4	24.0	24.8	24.4	72	57	84	71	13.6	264.0	
14	25.8	23.9	25.7	25.1	70	53	83	69	13.8	185.0	
15	23.7	24.0	24.1	23.9	63	57	82	67	13.3	150.0	
16	24.8	26.2	26.2	25.7	73	62	88	74	13.4	484.0	
17	24.2	25.8	24.1	24.7	66	58	80	68	12.9	261.0	
18	23.5	25.4	26.4	25.1	64	66	87	72	13.2	182.0	
19	26.0	28.0	25.3	26.4	72	65	81	73	13.7	224.0	
20	25.8	27.7	22.6	25.4	69	65	71	68	13.8	586.0	
21	23.6	23.1	23.0	23.2	64	56	75	65	12.1	275.0	
22	22.9	22.6	20.9	22.1	62	54	71	62	12.9	109.0	
23	22.8	27.6	26.6	25.7	61	61	83	68	13.7	106.0	
24	26.1	26.8	26.6	26.5	70	59	85	71	13.0	119.0	
25	25.2	26.8	26.6	26.2	67	59	84	70	12.8	140.0	
26	23.8	24.8	25.5	24.7	66	59	79	68	13.3	137.0	
27	24.4	24.3	23.5	24.1	64	55	72	64	12.7	116.0	
28	22.4	23.1	23.9	23.1	59	58	76	64	13.0	135.0	
29	23.7	24.0	22.4	23.4	64	63	73	67	12.9	122.0	
30	21.9	27.4	21.1	23.5	56	66	69	64	13.2	101.0	
31											
	22.40	23.62	22.86	22.96	63.9	58.0	77.8	66.5	12.88	236.9	0.00

Height of Barometer above sea level: 33.7 meters.

,, ,, Thermometers above ground:

Dry and wet 1.55 m ; Max. 1.75 m.; Min. 1.70 m.

Rim of Rain Gauge: above ground 0 56 m.; above sea level 30.31 m.

Time of reading minus 2 hours equal G.C.T.

71year averages are for period, 1875-1945

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METEOROLOGICAL REGISTER

Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	3cu-st	3cu	3cu	3.0	3sw	2w	2w	slight	
2	0	2st	0	0.7	2w	3sw	1sw	„	
3	1cu	0	0	0.3	2sw	3sw	0	light	
4	0	1st	2st	1.0	3sw	3w	1sw	„	
5	0	0	0	0.0	3w	3ne	1ne	„	
6	2st	0	0	0.7	2nw	3ne	1ne	„	Good Visibility, p.m.
7	0	0	0	0.0	2w	2w	0	„	„ all day
8	2cu	3cu	0	1.7	3sw	3w	1w	slight	
9	1cu	2cu	2cu	1.7	3w	3w	1w	„	
10	1cu-ci	4st-cu	0	1.7	1sw	3w	1w	light	
11	0	0	0	0.0	2n	2ne	2n	„	
12	0	0	0	0.0	2n	4ne	3n	slight	
13	0	0	0	0.0	2nw	2ne	1n	light	
14	0	0	0	0.0	1nw	2ne	0	„	
15	0	0	0	0 0	1nw	2n	0	„	
16	0	0	0	0.0	5sw	3sw	1sw	slight	
17	0	2st	0	0.7	3sw	3sw	0	„	
18	0	0	0	0.0	2sw	1n	1n	calm	
19	0	0	0	0.0	2sw	2sw	2sw	light	
20	0	0	3cu	1.0	4sw	4sw	4sw	slight	W. all day
21	3cu-st	3cu	0	2.0	4sw	3sw	0	mod.	W. p.m.
22	0	0	1cu	0.3	2w	2w	0	light	
23	0	0	0	0.0	2sw	2sw	2w	„	Good visibility
24	1st	0	0	0.3	3sw	2sw	1sw	„	
25	1cu	0	2cu	1.0	2sw	2sw	1sw	light	
26	1cu	0	0	0.3	3sw	2sw	1sw	„	
27	1cu	0	7st-cu	2.7	3sw	2w	1sw	„	
28	0	0	8st	2.7	1sw	2nw	1w	„	
29	0	0	3cu	1.0	2sw	2nw	1w	„	
30	0	0	0	0.0	1sw	1sw	1sw	„	
31									
				0.76					

Abbreviations :— G = gale; H = haze; M = mist ; T = thunderstorm ; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	2	0	0	0	0	19	5	4	0	30
14:30	2	6	0	0	0	12	8	2	0	30
20:30	4	2	0	0	0	9	9	0	6	30
Total	8	8	0	0	0	40	22	6	6	90

Number of days with rain 0, fog 0, thunderstorms 0, gale 0.

71 yr. av. number of days with rain during month 0.79